

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/35705

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B01D 61/44, 61/46, 61/48, 61/54

US CL : 204/524, 527, 530, 632, 634

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 204/524, 527, 530, 632, 634

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
none

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WEST, search terms (electrodialysis or electrodeion\$) and (counter current)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,017,433 A (MANI) 25 January 2000 (25.01.2000), see claims 1-26 and figures 8-9.	1-27
X	US 4,925,541 A (GIUFFRIDA et al) 15 May 1990 (15.05.1990), see claims 1-9, figure 11b.	1-8, 22-27
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Y		9-21
A	US 3,405,047 A (CHEN et al) 08 October 1968 (08.10.1968) see claims 1-6	1-27

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

22 February 2005 (22.02.2005)

Date of mailing of the international search report

09 MAR 2005

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